

PATENT
574313-2250.1

AMENDMENT

Please amend the application without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

In the Claims

1-11. (Cancelled)

12. (Currently amended) An immunogenic composition for inducing an immunological response against bovine parainfluenza virus type 3 consisting essentially of comprising at least one or more plasmids that contain and express ~~contains and expresses~~ *in vivo* in a bovine host cell nucleic acid molecule(s) having sequence(s) encoding type 3 bovine parainfluenza virus hemagglutinin/neuraminidase (HN) protein, or fusion (F) protein, or HN and F proteins.

13. (Currently amended) The immunogenic composition according to claim 12, wherein the one or more plasmids contain and express ~~which comprises a plasmid that contains and expresses~~ *in vivo* in a bovine host cell a nucleic acid molecule having a sequence encoding bovine parainfluenza virus type 3 HN protein.

14. (Currently amended) The immunogenic composition according to claim 12, wherein the one or more plasmids contain and express ~~which comprises a plasmid that contains and expresses~~ *in vivo* in a bovine host cell nucleic acid molecule(s) having sequence(s) encoding bovine parainfluenza virus type 3 F protein.

15. (Currently amended) The immunogenic composition according to claim 12, wherein the one or more plasmids contain and express ~~which comprises a plasmid that contains and expresses~~ *in vivo* in a bovine host cell nucleic acid molecule(s) having sequence(s) encoding bovine parainfluenza virus type 3 HN and F proteins.

16. (Previously presented) A method for inducing an immunological response in a bovine comprising: administering to said bovine a vaccine selected from the group consisting of a live whole vaccine, an inactivated whole vaccine, a subunit vaccine, and a recombinant vaccine; and thereafter, administering to said bovine the immunogenic composition or vaccine as claimed in any one of claims 12-15 or 19-22.

17. (Previously presented) A method for inducing an immunological response in a bovine comprising administering to said bovine the immunogenic composition or vaccine as claimed in any one of claims 12-15 or 19-22.

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18. (Previously presented) A kit comprising (i) the immunogenic composition or vaccine according to any one of claims 12-15 or 19-22, and (ii) a bovine vaccine selected from the group consisting of a live whole vaccine, an inactivated whole vaccine, a subunit vaccine, and recombinant vaccine.

19. (Currently amended) A vaccine against bovine parainfluenza virus type 3 consisting essentially of comprising at least one or more plasmids that contain and express ~~contains and expresses~~ *in vivo* in a bovine host cell nucleic acid molecule(s) having sequence(s) encoding type 3 bovine parainfluenza virus hemagglutinin/neuraminidase (HN) protein, or fusion (F) protein, or HN and F proteins.

20. (Currently amended) The vaccine according to claim 19, wherein the one or more plasmids contain and express ~~which comprises a plasmid that contains and expresses~~ *in vivo* in a bovine host cell a nucleic acid molecule having a sequence encoding bovine parainfluenza virus type 3 HN protein.

21. (Currently amended) The vaccine according to claim 19, wherein the one or more plasmids contain and express ~~which comprises a plasmid that contains and expresses~~ *in vivo* in a bovine host cell nucleic acid molecule(s) having sequence(s) encoding bovine parainfluenza virus type 3 F protein.

22. (Currently amended) The vaccine according to claim 19, wherein the one or more plasmids contain and express ~~which comprises a plasmid that contains and expresses~~ *in vivo* in a bovine host cell nucleic acid molecule(s) having sequence(s) encoding bovine parainfluenza virus type 3 HN and F proteins.